

Datasheet for ABIN1531212
anti-CEBPA antibody (pSer21)



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2 Images

Overview

Quantity:	100 µL
Target:	CEBPA
Binding Specificity:	AA 6-55, pSer21
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CEBPA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	The antiserum was produced against synthesized peptide derived from human C/EBP-alpha around the phosphorylation site of Ser21.
Isotype:	IgG
Specificity:	C/EBP-alpha (Phospho-Ser21) Antibody detects endogenous levels of C/EBP-alpha only when phosphorylated at Ser21. PhosphorylationH:S21 M:S21 R:S21
Purification:	The antibody was purified from rabbit antiserum by affinity-chromatography using phospho peptide. The antibody against non-phospho peptide was removed by chromatography using corresponding non-phospho peptide.
Purity:	> 95 %

Target Details

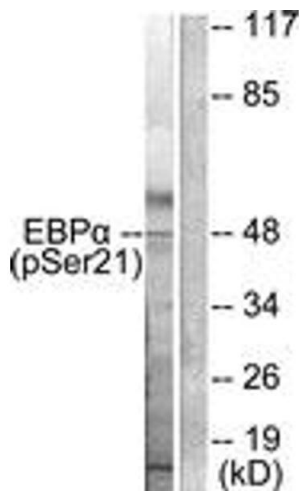
Target:	CEBPA
Alternative Name:	C/EBP-alpha (CEBPA Products)
Background:	Synonyms: C/EBP alpha, CCAAT/enhancer binding protein (C/EBP), alpha, CCAAT/enhancer binding protein alpha, CEBPA NCBI Gene Symbol: CEBPA
Molecular Weight:	37 kDa
Gene ID:	1050
OMIM:	116897
UniProt:	P49715
Pathways:	Brown Fat Cell Differentiation , Positive Regulation of fat Cell Differentiation

Application Details

Application Notes:	WB: 1:500~1:1000 IHC: 1:50~1:100 ELISA: 1:1000
Comment:	Unigene-Number: Hs.699463 (NCBI Gene Symbol: CEBPA)
Restrictions:	For Research Use only

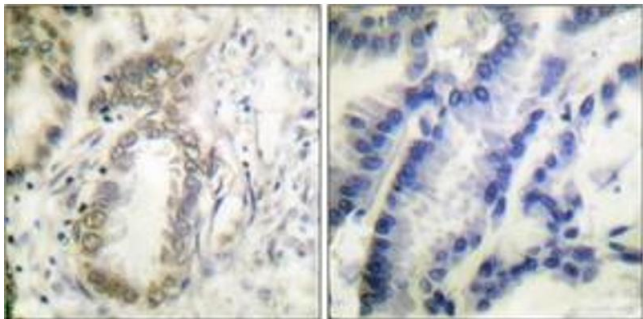
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Stable at -20°C for at least 1 year.
Expiry Date:	12 months



Western Blotting

Image 1. Western blot analysis of extracts from HepG2 cells treated with EGF 200ng/ml 5', using C/EBP-alpha (Phospho-Ser21) Antibody. The lane on the right is treated with the synthesized peptide.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human lung carcinoma, using C/EBP-alpha (Phospho-Ser21) Antibody. The picture on the right is treated with the synthesized peptide.